



INTEROFFICE MEMORANDUM

January 23, 2018

TO: Master Files

FROM: *John Fleming* John Fleming, Division Head, Environmental Division *Price*

SUBJECT: Job Number BB0406
FAP Number NHPP-540-1(84)
Hwy. 71 – Hwy. 22 (F)
Sebastian County
Tier 1 Categorical Exclusion

After appropriate environmental review, it has been determined that the subject job is a Tier 1 Categorical Exclusion as described by the ARDOT/FHWA Memorandum of Agreement on Categorical Exclusion Documentation and Processing. A public hearing will not be offered for this project.

The purpose of this project is to rehabilitate a portion of Interstate 540 in Sebastian County. Work will include mill and inlay of the roadway, hydro-demolition of six bridges, and substructure work. The existing cross-section will not change as a result of the proposed project and no additional right of way will be required. A project location map is attached.

The official species list obtained through the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation website lists northern long-eared bat (*Myotis septentrionalis*), gray bat (*Myotis grisescens*), Piping Plover (*Charadrius melodus*), American burying beetle (*Nicrophorus americanus*), and *Geocarpon minimum* as species potentially affected by the proposed project. This project, based on the limited scope of the action, no acquisition of new right of way, and the absence of tree clearing, will have "no effect" on the listed species.

Job Number BB0406
Tier 1 Categorical Exclusion
Page 2 of 2

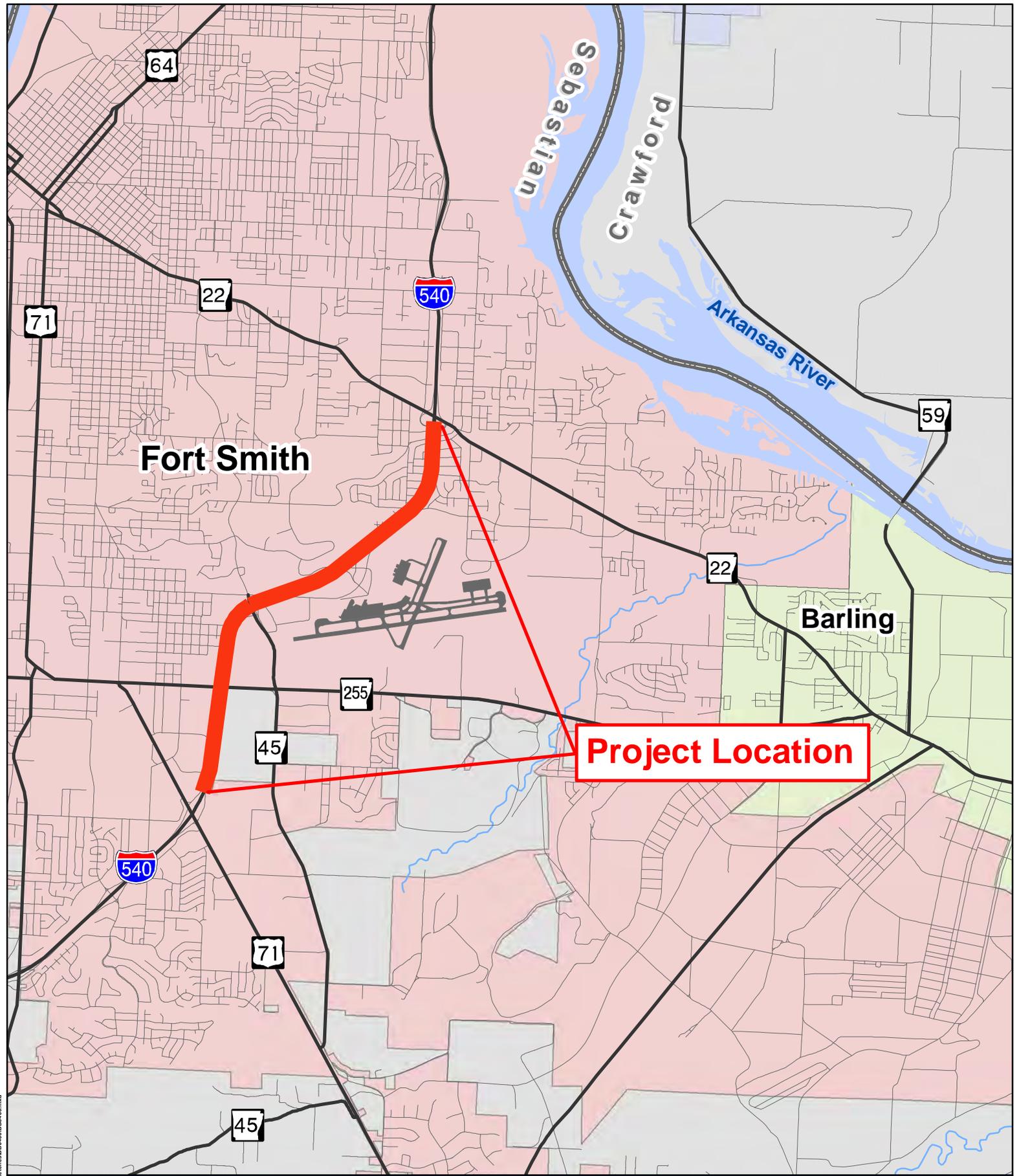
The project will not have a discharge of dredged or fill material into waters of the United States, therefore a Section 404 permit will not be required. A cultural resources clearance is attached.

JF:JB:fc

Attachments:

- Section 106 Clearance
- USFWS Species List
- Environmental Study Checklist

c: Program Management
Right of Way
Roadway Design
District 4
FHWA



Fort Smith

Barling

Project Location

Job BB0406
Hwy. 71 - Hwy. 22 (F)
I-540, Sec. 1
Sebastian County

0 0.5 1 Miles

PM, PS, AJD: 7-20-2016



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ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

INTEROFFICE MEMORANDUM

August 10, 2016

TO: Environmental Job Files

FROM: William McAlexander, Environmental Scientist I *WEM*

SUBJECT: Archeological Clearance
AHTD Job No. BB0406
Hwy. 71-Hwy. 22 (F)
Sebastian County

The above referenced project involves milling and laying new asphalt along Interstate 540 between State Highway 22 and Highway 71 in Sebastian County. There will be no excavation of the road base. The project is designed to improve roadway conditions along this portion of the route.

An examination of the Arkansas Archeological Survey's (AAS) records was conducted for previously recorded archeological sites. No recorded sites are located within the proposed project area. A records check at the Arkansas Historic Preservation Program (AHPP) for properties listed in or eligible for the National Register revealed none for the area. The Barling and South Fort Smith topographical maps were examined for cemeteries, potentially historic structures, and landforms conducive to hold archeological sites. The 1829, 1837, and 1845 General Land Office plats showed no improvements or cultural features in the immediate vicinity of the project area. The 1936 Sebastian County road map showed no structures within the project area.

The project will be constructed within the existing roadbed and does not have the potential to affect any undisturbed land surfaces or potential cultural resources. This project is subject to the 1999 MOA and falls under the exempted work category "Reconstruction". This project is not considered an undertaking and requires no further work or Section 106 review.



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Arkansas Ecological Services Field Office
110 South Amity Suite 300
Conway, AR 72032-8975
Phone: (501) 513-4470 Fax: (501) 513-4480
<http://www.fws.gov/arkansas-es>

In Reply Refer To:

January 10, 2018

Consultation Code: 04ER1000-2018-SLI-0350

Event Code: 04ER1000-2018-E-00573

Project Name: Hwy. 71 - Hwy. 22

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies endangered, threatened, proposed, and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). **This letter only provides an official species list and technical assistance; if you determine that listed species and/or designated critical habitat may be affected in any way by the proposed project, even if the effect is wholly beneficial, consultation with the Service will be necessary.**

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found on our website.

Please visit our website at <http://www.fws.gov/arkansas-es/IPaC/home.html> for species-specific guidance to avoid and minimize adverse effects to federally endangered, threatened, proposed, and candidate species. Our web site also contains additional information on species life history and habitat requirements that may be useful in project planning.

If your project involves in-stream construction activities, oil and natural gas infrastructure, road construction, transmission lines, or communication towers, please review our project specific guidance at <http://www.fws.gov/arkansas-es/IPaC/ProjSpec.html>.

The karst region of Arkansas is a unique region that covers the **northern third of Arkansas** and we have specific guidance to conserve sensitive cave-obligate and bat species. **Please visit <http://www.fws.gov/arkansas-es/IPaC/Karst.html> to determine if your project occurs in the karst region and to view karst specific-guidance.** Proper implementation and maintenance of best management practices specified in these guidance documents is necessary to avoid adverse effects to federally protected species and often avoids the more lengthy formal consultation process.

If your species list includes any mussels, Northern Long-eared Bat, Indiana Bat, Yellowcheek Darter, Red-cockaded Woodpecker, or American Burying Beetle, your project may require a presence/absence and/or habitat survey prior to commencing project activities. Please check the appropriate species-specific guidance on our website to determine if your project requires a survey. We strongly recommend that you contact the appropriate staff species lead biologist (see office directory or species page) prior to conducting presence/absence surveys to ensure the appropriate level of effort and methodology.

Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at www.fws.gov/endangered/esa-library/index.html#consultations.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, **the accuracy of this species list should be verified after 90 days.** This verification can be

completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. **Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.**

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Arkansas Ecological Services Field Office

110 South Amity Suite 300

Conway, AR 72032-8975

(501) 513-4470

Project Summary

Consultation Code: 04ER1000-2018-SLI-0350

Event Code: 04ER1000-2018-E-00573

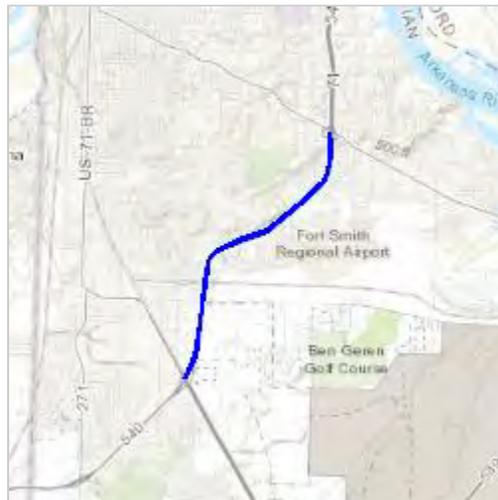
Project Name: Hwy. 71 - Hwy. 22

Project Type: TRANSPORTATION

Project Description: mill and inlay, hydrodemolition of bridge surfaces

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/35.33591689585412N94.39264230042699W>



Counties: Sebastian, AR

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
Gray Bat <i>Myotis grisescens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6329	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened

Insects

NAME	STATUS
American Burying Beetle <i>Nicrophorus americanus</i> Population: Wherever found, except where listed as an experimental population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/66	Endangered
American Burying Beetle <i>Nicrophorus americanus</i> Population: Ex Pop, SW Missouri No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/66	Experimental Population, Non-Essential

Flowering Plants

NAME	STATUS
Geocarpon minimum No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7699	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

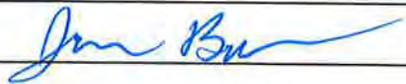
ARDOT ENVIRONMENTAL IMPACTS ASSESSMENT FORM

ARDOT Job Number BB0406 FAP Number NHPP-540-1(84)
 Job Title Hwy. 71 – Hwy 22 (F)

Environmental Impacts	None	Minor	Significant	Comments
Air Quality	X			
Construction Impacts		X		Temporary
Cultural Resources	X			
Economic	X			
Endangered Species	X			No Effect
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife	X			
Floodplains	X			
Forest Service Property	X			
Hazardous Materials/Landfills	X			
Land Use Impacts	X			
Migratory Birds	X			
Navigation/Coast Guard	X			
Noise Levels	X			
Prime Farmland	X			
Protected Waters	X			
Public Recreation Lands	X			
Public Water Supply/WHPA	X			
Relocates	X			
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks	X			
Visual Impacts	X			
Stream Impacts	X			
Water Quality	X			
Wetlands	X			
Wildlife Refuges	X			

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? No
 Section 404 Permit Required? No Type _____

Remarks: _____

Signature of Evaluator  Date January 22, 2018



INTEROFFICE MEMORANDUM

March 21, 2018

TO: Master Files

FROM: *JF* John Fleming, Division Head, Environmental Division *B. Price*

SUBJECT: Job Number BB0406
FAP Number NHPP-540-1(84)
Hwy. 271 – Hwy 64 (Sel. Secs.) (F)
Route 540, Sections 1 & 2
Sebastian & Crawford Counties
Environmental Reassessment

A Tier 1 Categorical Exclusion was completed for the referenced project on January 23, 2018. Since that time the project was revised to include the rehabilitation of 11 bridges, as shown on the attached project location map. The Environmental Division has reviewed the revisions, and no additional environmental impacts were identified.

No endangered species will be affected by the proposed project. No Section 404 permits will be required. Rehabilitation of the bridges on the Interstate Highway System is exempt from Section 106 review.

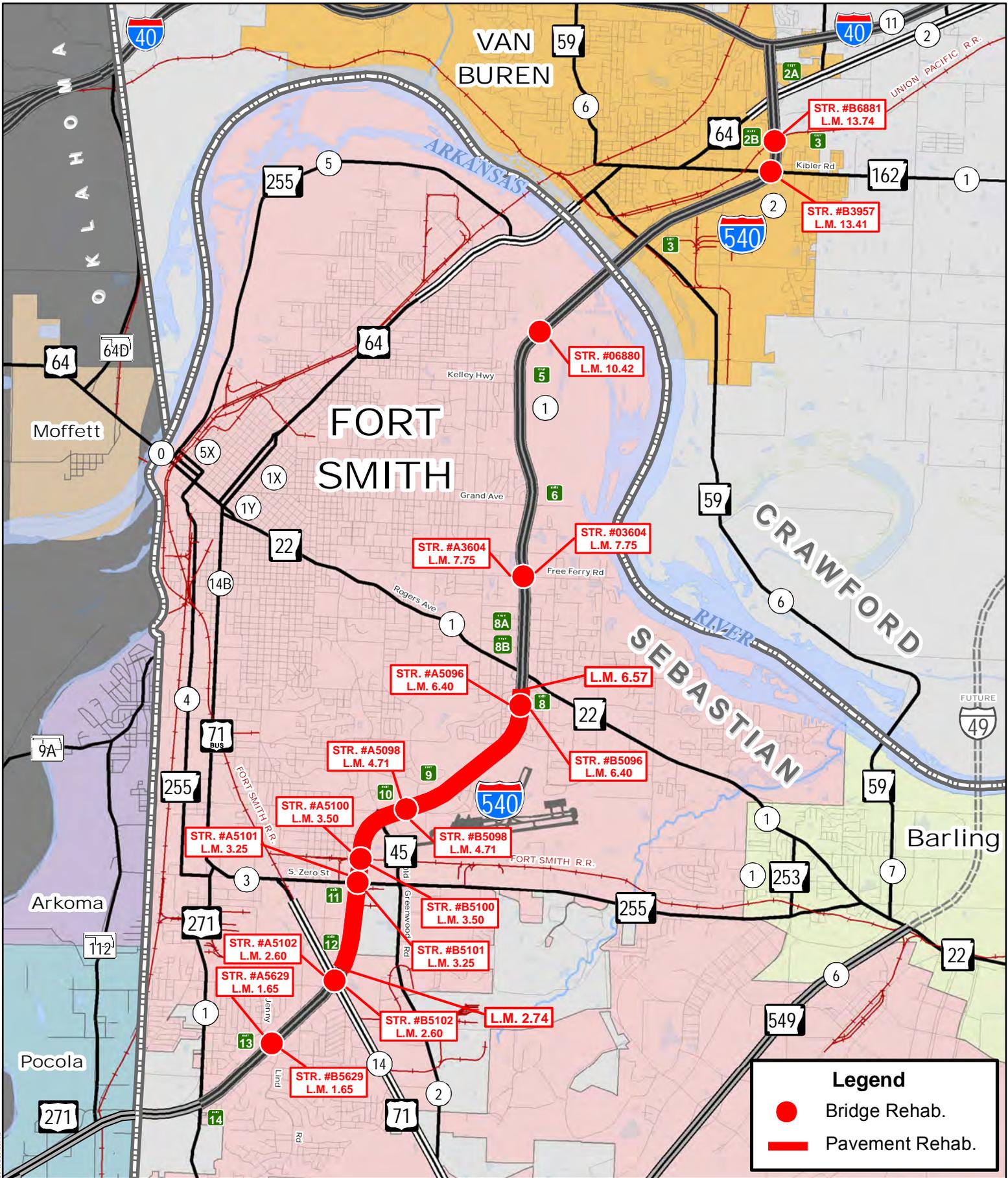
This project will remain a Tier 1 Categorical Exclusion as defined by the ARDOT/FHWA Memorandum of Agreement on the processing of Categorical Exclusions.

JF:JB:fc

Attachments:

Project Location Map
Environmental Study Checklist

c: Program Management
Right of Way
Roadway Design
District 4
FHWA

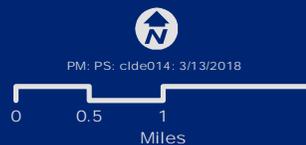


Job BB0406

Hwy. 271 - Hwy. 64 (Sel. Secs.) (F)

I-540, Secs. 1 & 2

Sebastian & Crawford Counties



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ARDOT ENVIRONMENTAL IMPACTS ASSESSMENT FORM

ARDOT Job Number BB0406 FAP Number NHPP-540-1(84)

Job Title Hwy. 71 – Hwy 64 (Sel. Secs.) (F)

Environmental Impacts	None	Minor	Significant	Comments
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Endangered Species	X			No Effect
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife	X			
Floodplains	X			
Forest Service Property	X			
Hazardous Materials/Landfills	X			
Land Use Impacts	X			
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Navigation/Coast Guard	X			
Noise Levels	X			
Prime Farmland	X			
Protected Waters	X			
Public Recreation Lands	X			
Public Water Supply/WHPA	X			
Relocates	X			
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks	X			
Visual Impacts	X			
Stream Impacts	X			
Water Quality	X			
Wetlands	X			
Wildlife Refuges	X			

Section 401 Water Quality Certification Required? No

Short-term Activity Authorization Required? No

Section 404 Permit Required? No Type _____

Remarks: _____

Signature of Evaluator *Blaine* Date March 21, 2018